Serial No.: 10/602,335 Filed : June 23, 2003 Page : 2 of 12

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Cancelled)

2. (Currently Amended) A system for threading e-mail messages, comprising:

a mailbox processor module for receiving e-mail messages including a first e-mail message and a second e-mail message;

a mailbox, communicatively coupled to the mailbox processor module, for electronically storing the received e-mail messages;

a threading engine, communicatively coupled to the mailbox processor module, for:

determining that the first received e-mail message is related to the second e-mail message, the second e-mail message received subsequent to the first e-mail message;

creating an e-mail thread if the first e-mail message is related to the second e-mail message;

associating the e-mail thread with the first e-mail message and the second e-mail message, the e-mail thread additionally including a thread header, the thread header having e-mail thread information derived from attributes of at least one of the first or second e-mail messages; and

a display engine operable to display information about one or more received e-mail messages in a user interface including displaying information from at least one unthreaded e-mail message and where thread header information is displayed, the displayed thread header information being distinct from information displayed for individual e-mail messages and where the thread header information is displayed in the mailbox in place of mailbox entries for the first e-mail message and the second e-mail message associated with the e-mail thread.

3. (Cancelled)

Serial No.: 10/602,335 Filed: June 23, 2003

Page : 3 of 12

4. (Previously Presented) The method of claim 18 wherein the persistent thread header includes a subject of the e-mail thread.

5. (Previously Presented) The method of claim 18 wherein the persistent thread header includes an originator of the e-mail thread.

- 6. (Previously Presented) The method of claim 18 wherein the persistent thread header includes indicia of the number of messages in the thread.
- 7. (Previously Presented) The method of claim 18 wherein the persistent thread header includes a time that the e-mail thread was most recently updated.
- 8. (Previously Presented) The system of claim 2 wherein the threading engine additionally updates the thread header associated with the e-mail thread.
- 9. (Previously Presented) The system of claim 8 wherein the thread header includes a subject of the e-mail thread.
- 10. (Previously Presented) The system of claim 8 wherein the thread header includes an originator of the e-mail thread.
- 11. (Previously Presented) The system of claim 8 wherein the thread header includes indicia of the number of messages in the e-mail thread.
- 12. (Previously Presented) The system of claim 8 wherein the thread header includes a time that the e-mail thread was most recently updated.
- 13. (Previously Presented) The computer program product of claim 36 wherein the thread header includes a subject of the e-mail thread.
- 14. (Previously Presented) The computer program product of claim 36 wherein the thread header includes an originator of the e-mail thread.

Serial No.: 10/602,335 Filed: June 23, 2003 Page: 4 of 12

15. (Previously Presented) The computer program product of claim 36 wherein the thread header includes indicia of the number of messages in e-mail thread.

16. (Previously Presented) The computer program product of claim 36 wherein the thread header includes a time that the e-mail thread was most recently updated.

17. (Cancelled)

18. (Currently Amended) A method for threading e-mail messages, comprising: receiving a first e-mail message;

receiving a second e-mail message subsequent to the first e-mail message; determining that the first e-mail message is related to a second e-mail message; creating an e-mail thread if the second e-mail message is related to the first e-mail

message;

associating the e-mail thread with the first e-mail message and the second e-mail message, the e-mail thread including a persistent thread header, the thread header having e-mail thread information derived from attributes of at least one of the first or second e-mail messages; and

displaying <u>information from at least one unthreaded e-mail message and</u> thread header information in a user interface where the thread header information is displayed in a mailbox in lieu of information for individual e-mail messages associated with the e-mail thread.

19. (Previously Presented) The method of claim 18 further comprising: receiving a third e-mail message; determining that the third e-mail message is related to the e-mail thread; associating the third e-mail message with the e-mail thread; and updating the thread header to include information derived from attributes of the third e-mail message.

20. (Cancelled)

Serial No.: 10/602,335 Filed: June 23, 2003 Page: 5 of 12

21. (Previously Presented) The method of claim 18 wherein the displayed thread header information includes displaying a color associated with a sender of the first e-mail message.

- 22. (Previously Presented) The method of claim 18 wherein the displayed thread header information includes displaying a color associated with a sender of the second e-mail message.
- 23. (Previously Presented) The method of claim 18 wherein each sender of an e-mail has an associated priority, and the displayed thread header information is displayed in a color associated with a sender having the highest priority.
- 24. (Cancelled)
- 25. (Previously Presented) The method of claim 18 further comprising displaying an expansion icon associated with the thread header in the user interface.
- 26. (Previously Presented) The method of claim 25 further comprising: responsive to a selection of the expansion icon, displaying information about each individual e-mail message associated with the e-mail thread in the user interface.
- 27. (Previously Presented) The method of claim 26 further comprising highlighting for selection an oldest unread e-mail message associated with the e-mail thread.
- 28. (Previously Presented) The method of claim 26 wherein e-mail messages associated with the e-mail thread are displayed in a common color.
- 29. (Previously Presented) The method of claim 18 wherein the second e-mail message is related to the first e-mail message if it is a reply to the first e-mail message.
- 30. (Previously Presented) The method of claim 18 wherein the second e-mail message is a reply to the first e-mail message if a In-Reply-To field of a header of the second e-mail message identifies the first e-mail message.

Serial No.: 10/602,335 Filed: June 23, 2003 Page: 6 of 12

31. (Previously Presented) The method of claim 18 wherein the second e-mail message is related to the first e-mail message if it includes a forward of the first e-mail message.

- 32. (Previously Presented) The method of claim 18 wherein the first e-mail message and the second e-mail message are stored in different folders of a user's mailbox.
- 33. (Previously Presented) The method of claim 32 wherein at least one of the e-mail messages is stored in the user's sent items folder.
- 34. (Previously Presented) The method of claim 32 wherein at least one of the e-mail messages is stored in the user's personal items folder.
- 35. (Previously Presented) The system of claim 2 wherein the threading engine is further configured for:

receiving a third e-mail message;

determining that the third e-mail message is related to the e-mail thread;

associating the third e-mail message with the e-mail thread; and

updating the thread header to include information derived from attributes of the third e-mail message.

Serial No.: 10/602,335 Filed: June 23, 2003 Page: 7 of 12

36. (Currently Amended) A computer program product for threading e-mail messages, the program product stored on a computer readable medium and adapted to perform the operations of:

receiving a first e-mail message;

receiving a second e-mail message subsequent to the first e-mail message;

determining that the first e-mail message is related to a second e-mail message;

creating an e-mail thread if the second e-mail message is related to the first e-mail message;

associating the e-mail thread with the first e-mail message and the second e-mail message, the e-mail thread including a thread header, the thread header having e-mail thread information derived from attributes of at least one of the e-mail messages; and

displaying information from at least one unthreaded e-mail message and thread header information in a user interface where the information from the at least one unthreaded e-mail message and the thread header information is displayed in a mailbox, the displayed thread header information being distinct from information displayed for individual e-mail messages and where the thread header information is displayed in place of the information for each e-mail message associated with the e-mail thread.

37. (Previously Presented) The computer program product of claim 36, further adapted for: receiving a third e-mail message;

determining that the third e-mail message is related to the e-mail thread; associating the third e-mail message with the e-mail thread; and underling the thread header to include information derived from attributes

updating the thread header to include information derived from attributes of the third e-mail message.

Serial No.: 10/602,335 Filed: June 23, 2003 Page: 8 of 12

38. (Currently Amended) A system for threading e-mail messages, comprising:

receiving means, for receiving a first e-mail and a second e-mail message;

determining means, communicatively coupled to the receiving means, for determining that the first e-mail message is related to a second e-mail message, the second e-mail message received subsequent to the first e-mail message;

creating means, communicatively coupled to the determining means, for creating an e-mail thread if the first e-mail message is related to the second e-mail message; and

associating means, communicatively coupled to the creating means, for associating the e-mail thread with the first e-mail message and the second e-mail message, the e-mail thread additionally including a thread header, the thread header having e-mail thread information derived from attributes of at least one of the e-mail messages; and

a display means operable to display information about one or more received e-mail messages in a user interface <u>including displaying information from at least one unthreaded</u>

<u>e-mail message and where</u> thread header information <u>is displayed</u> as <u>entries</u> <u>an entry</u> in a mailbox and where the thread header information is displayed in place of mailbox entries for each e-mail message associated with the e-mail thread.

39. (Previously Presented) The system of claim 38, wherein:

the receiving means are further configured to receive a third e-mail message;

the determining means are further configured to determine that the third e-mail message is related to the e-mail thread; and

the associating means are further configured to associate the third e-mail message with the e-mail thread and to update the persistent thread header to include information derived from the attributes of the third e-mail message.

Serial No.: 10/602,335 Filed: June 23, 2003 Page: 9 of 12

40. (Currently Amended) A method for threading e-mail messages, comprising: receiving a first e-mail message;

receiving a second e-mail message that is related to the first e-mail message; and threading the first e-mail message and the second e-mail message, the threading including:

creating an e-mail thread having a thread header, the thread header having e-mail thread information derived from attributes of at least one of the first or second e-mail messages; and

displaying <u>information from one or more unthreaded e-mail messages and</u> the thread header as <u>respective entries an entry</u> in a mailbox.

41. (Previously Presented) The method of claim 40, further comprising:
receiving a third e-mail message related to either the first e-mail message or the second
e-mail message; and

updating the thread including updating the displayed thread header

42. (Currently Amended) A method for threading e-mail messages, comprising: receiving a first e-mail message;

receiving a second e-mail message related to the first e-mail message; and threading the first e-mail and the second e-mail, the threading including displaying a display item indicating a nature of the relationship between the first e-mail message and the second e-mail message and where the display item is displayed in a mailbox in place of mailbox entries for the first e-mail message and the second e-mail message, where information from at least one unthreaded e-mail message is displayed in the mailbox.

Serial No.: 10/602,335 Filed: June 23, 2003 Page: 10 of 12

43. (Currently Amended) A method for threading e-mail messages, comprising:

receiving a first e-mail message;

receiving a second e-mail message subsequent to the first e-mail message;

determining that the first e-mail message is related to a second e-mail message, where determining if the first e-mail message is related to the second e-mail message includes:

identifying whether a subject field of the first e-mail message and the subject field of the second e-mail message include common data, and

if the subject field includes common data, determining whether the second e-mail message includes a message identifier included in the first e-mail message;

creating an e-mail thread if the second e-mail message is related to the first e-mail message;

associating the e-mail thread with the first e-mail message and the second e-mail message, the e-mail thread including a thread header, the thread header having thread information derived from attributes of at least one of the first or second e-mail messages; and displaying information from at least one unthreaded e-mail message and thread header information in a user interface.

- 44. (Previously Presented) The method of claim 43, where determining whether the subject field includes common data includes disregarding subject prefixes.
- 45. (Currently Amended) A method comprising:

 receiving a first e-mail message and a second e-mail message;

 determining that the first e-mail message is related to the second e-mail message;

 creating an e-mail thread associated with the first e-mail message and the second e-mail message;

displaying <u>information from one or more unthreaded e-mail messages and</u> a thread header as <u>respective entries an entry</u> in a mailbox, the thread header being <u>displayed</u> in place of entries in the mailbox for the first e-mail message and the second e-mail message.